

Application No. 09/603,812

D1
cont

1 3. (Twice Amended) The implant as set forth in claim 2 wherein the buffer
2 capacitor for the telemetry transmitter and the buffer capacitor for the telemetry receiver are
3 of different sizes.

1 4. The implant as set forth in claim 2 wherein the buffer capacitors are designed
2 to be charged up either together or individually.

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1 5. (Twice Amended) The implant as set forth in claim 2 wherein the buffer
2 capacitor for the telemetry transmitter is charged up immediately prior to a transmission
3 procedure and the buffer capacitor for the telemetry receiver is charged up immediately prior
4 to a reception procedure.

1 6. The implant as set forth in claim 1 wherein the energy storage means for the
2 telemetry transmitter is further connected to the telemetry receiver such that said energy
3 storage means for the telemetry transmitter further operates as a reserve energy storage
4 means for the telemetry receiver.

1 7. The implant as set forth in claim 1 wherein the energy storage means for the
2 telemetry receiver is further connected to the telemetry transmitter such that said energy
3 storage means for the telemetry receiver further operates as a reserve energy storage means
4 for the telemetry transmitter.

1 8. The implant as set forth in claim 1 wherein the energy storage means for the
2 telemetry receiver and the energy storage means for the telemetry transmitter are connected
3 either in parallel or in series with each other.

1 10. The implant as set forth in claim 1 wherein the electromedical device is selected
2 from the group consisting of: a cardiac pacemaker, a defibrillator, and a cardioverter.

1 11. A cardiac pacemaker implant capable of exchanging data with an external
2 apparatus comprising a telemetry device and a plurality of energy storage devices, wherein
3 the telemetry device comprises a telemetry transmitter and a telemetry receiver, wherein each

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4 of the telemetry transmitter and the telemetry receiver is connected to a separate one of the
5 energy storage devices.

1 12. An electromedical implant capable of exchanging data with an external
2 apparatus, the implant comprising a telemetry device for the exchange of data with such
3 external apparatus and at least two energy storage devices, wherein the telemetry device
4 comprises a telemetry transmitter and a telemetry receiver, and wherein each of the telemetry
5 transmitter and the telemetry receiver is connected to a separate one of the at least two energy
6 storage devices.

REMARKS

Claims 1 to 8 and 10 to 12 are pending in this application. Claims 2, 3, and 5 have been amended.

Attached hereto is a marked up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made." Applicants respectfully request that the foregoing amendment be entered and reconsideration and allowance of the claims be granted.

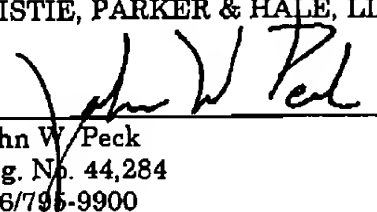
Further to our Preliminary Amendment file May 3, 2002, Applicants have amended claims 2, 3, and 5 to clarify the nature of the invention. Applicants submit that no new matter is being entered with these amendments.

Applicants submit that the claims are now in condition for allowance, and consideration and allowance of this application are respectfully requested.

Respectfully submitted,

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